



Product Sheet

Technos XFS AV508 0W-20 is a Premium Technology mid SAPS lubricant, for high-efficiency, high-performance engines with low emissions. Dedicated to the latest generation engines of the VAG group that require the oil to exceed the strict lubrication requirements imposed by the specification VW 508 00/509 00.

Formulated specifically for the newly developed engines VW, Audi, Seat and Skoda from 2015, 2.0 TFSI 140 kW (190 hp) petrol and 3.0 TDI 160 kW (217 hp) diesel, whose fuel efficiency, low emissions, power and oil change interval can only be maximised through the use of special lubricating fluids.

Bardahl **XFS technology** - eXtra Fluid Shield - together with the **Energy Resource properties**, gives the lubricant an additional reserve of performance in terms of reduction of the friction coefficient, protection against wear and deposit control, while ensuring the prolonged efficiency of the exhaust after-treatment systems and the increase of the fuel economy.

XFS ENERGY RESOURCE

XFS technology Additional low ash additives, developed specifically for the latest generation engines. It offers maximum compatibility with exhaust after-treatment systems and allows to compensate for the limited resistance of the oil film, due to the extremely fluid lubricants with reduced HTHS (HTHS at 150° C less than 3.5 mPa.s). It improves oxidation resistance, inhibits the formation of deposits, contains anti-wear, anti-scuffing and anti-friction agents.

XFS, eXtra Fluid Shield, intervenes as one extra shield, to protect all lubricated components and to maintain engine performance over time.

Energy Resource formulation It allows to maximise the fuel saving and the power of the engine and to provide the lubricant with an adequate viscosity at high temperatures, low internal friction and extreme low temperature fluidity. It contains effective friction coefficient modifiers capable of improving sliding between engine surfaces and reducing energy absorption.

Technos XFS AV508 0W-20 is suitable to be used in all those applications for which the manufacturer prescribes SAE 0W-20 lubricants of the ACEA C5 and/or C6 category.



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PROPERTIES

- Maximise engine performance and energy efficiency.
- Greater longevity and cleanliness of all engine parts.
- Safeguard the functionality of particle filters and catalytic converters.
- Easy starting and immediate lubrication at low temperature.
- Maximum extension of oil change intervals.
- 100% synthetic formula.

PERFORMANCE LEVEL

ACEA C5, C6

API SN Plus / SP / SP RC, ILSAC GF-6, VW 508.00 / 509.00 / TL 52577, Porsche C20

CHEMICAL-PHYSICAL CHARACTERISTICS

Viscosity Grade	SAE 0W-20
Viscosity at 40°C	41,5 cSt
Viscosity at 100°C	8,22 cSt
Density at 15°C	0,844 g/cm ³
Viscosity index	175
Colour	Green
Flash point	208°C
Pour point	-45°C
TBN	9,8 mg KOH/g

The values shown in this table are just as an indication, variable within certain tolerances.

STORAGE

Store in original closed packaging, store indoors, away from moisture, from direct exposure to sunlight and weather. Avoid continuous and excessive temperature changes